

SONY.

3-786-461-22(3)

Integrated Telephone Answering Machine

IT-A750/A850

Operating Instructions

Before operating the unit, please read this manual thoroughly and retain it for future reference.

OWNER'S RECORD

The model and serial numbers are located at the bottom. Record these numbers in the spaces provided below. Refer to these numbers whenever you call upon your Sony dealer regarding this product.

Model No. _____ Serial No. _____



For instructions on using your unit as a telephone answering machine or to record calls, see the pages with this mark.



For instructions on using your unit's remote control functions, see the pages with this mark.



For instructions on using your unit as a telephone, see the pages with this mark.



Photo: IT-A850

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Table of Contents

Special features of this unit	3
Location of controls	5
Installation	8
Using as a telephone answering machine	
What can an answering machine do?	13
Getting ready	14
Before you go out	21
When you return — To play back recorded messages from callers	22
Using the memo message function	
To record a message and leave it to others in your household	24
Recording a call in progress	25
Remote control functions	
How does the message transfer system work?	26
Getting ready	27
Listening to a recorded message from a touch-tone phone using the message transfer system	31
What can you do by remote control?	32
Using the remote control features from a touch-tone phone	33
Using as a telephone	
Dialing without picking up the handset (On hook dial)	40
Dialing and speaking without picking up the handset (Speakerphone) (IT-A850 only)	42
Having the unit redial (Redial)	43
Putting a call on hold (Hold)	45
Using "alternative long distance" (MCI etc.) and other tone-based services for users with a pulse phone	46
Having the unit dial quickly ("One-touch" and "Speed" dialing)	48
Others	
Maintenance	52
Specifications	52
Troubleshooting	53
Regulations, precautions and important information	54

Basic Guidelines for Operating Your Unit

- **Installation:** Connect your unit to an AC power source and modular telephone jack (p.8) and install batteries for backup (p.9).
- **Pulse/Tone:** Set the telephone to either pulse or tone service. The switch is located in the battery compartment. **Your unit is preset to pulse service.** (p.10)
- **Recording OGMs:** Record Outgoing Messages (OGM's) to activate the answering device function. **You must record an "Out" message for the answering device to work.** (p.15 ~ 20)
- **Set to "Answer":** Set the answering machine to "Answer" to record Incoming Messages (ICMs) while you are out or unavailable. (p.21)
- **Message Transfer:** Program a "Transfer" telephone number to use the "Message Transfer" (MT) function. **This feature will not function without first programming a telephone number where calls will be transferred.** Then, set to "Transfer." (p.26 ~ 30)
- **Remote Control:** Program security codes to utilize the remote control functions. **Without programming a security code, transferred messages cannot be retrieved and the remote control operation cannot be performed.** (p.32)
- **Resetting:** To rewind the ICM tape after listening to your messages hold down the "RESET" button for 3 seconds after hearing the last message. **If you do not reset prior to setting to "Answer" again, the message lights will continue to blink.** (p.32)

 means that you should press the buttons on this unit.

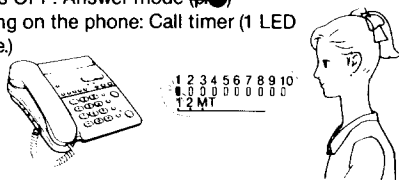
Response from the unit

- "Beep" Your command has been received.
- "Be-be-Beep" Your command is an error. (Alarm sound)
- "Beep...beep...beep" Waiting for a command. (Every 3 seconds)
- "Be-beep...be-beep..." Waiting for a security code.

Special Features of This Unit

MESSAGE COUNTER/ANSWER MODE lamps have three different functions

- When "ANSWER" is ON: Message counter (p. 22)
- When "ANSWER" is OFF: Answer mode (p. 22)
- When you are talking on the phone: Call timer (1 LED represents a minute.) (p. 22)



Recording of in-coming messages can be made

While you are "out" and while you are at home.

ICM protect function

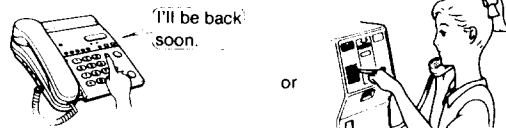
Only those who know the security code A can operate this unit and listen to the recorded messages. See p. 22.

Quick search for recorded messages

You can skip forward/backward by using (◀ FF) / (▶ REW) button. See p. 22.

A memo message

You can record and leave a message for others in your household. See p. 22. The memo message can be listened from a touch-tone phone by using the security code. See p. 22.



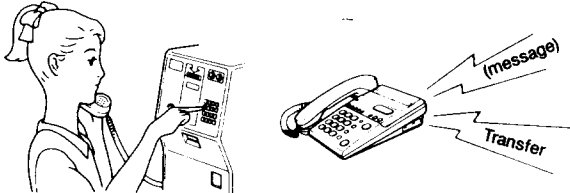
Recording calls in progress is possible

You can recall important conversation later. You can also send pre-recorded messages during a conversation. Play back a recorded message during your conversation. See p. 22.



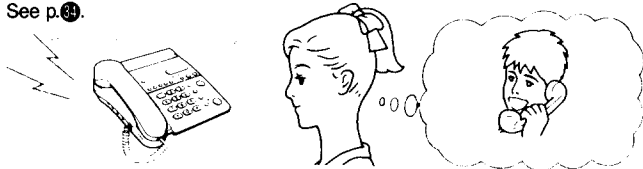
Remote Control Operations

You can operate many of the unit's features when calling from a touch-tone phone. See p. ②.



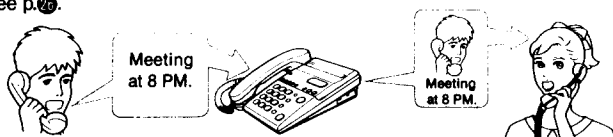
Activating special ring is possible

When a caller uses the security code A or B, the corresponding special ring can inform you who is calling you on the other side of the phone. See p. ③.



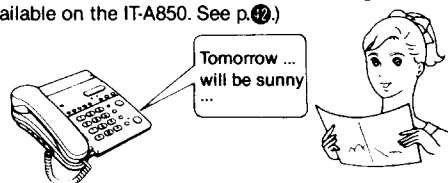
Message Transfer System

When you are out, the unit will relay callers' messages to you at another phone. See p. ④.



On-hook dialing

Dial without picking up the handset. See p. ⑤. ("Speakerphone" is available on the IT-A850. See p. ⑦.)



Automatic dialing

You can program up to 20 frequently-used phone numbers and call them easily. (See p. ⑥ ~ ⑧.)

Location of Controls

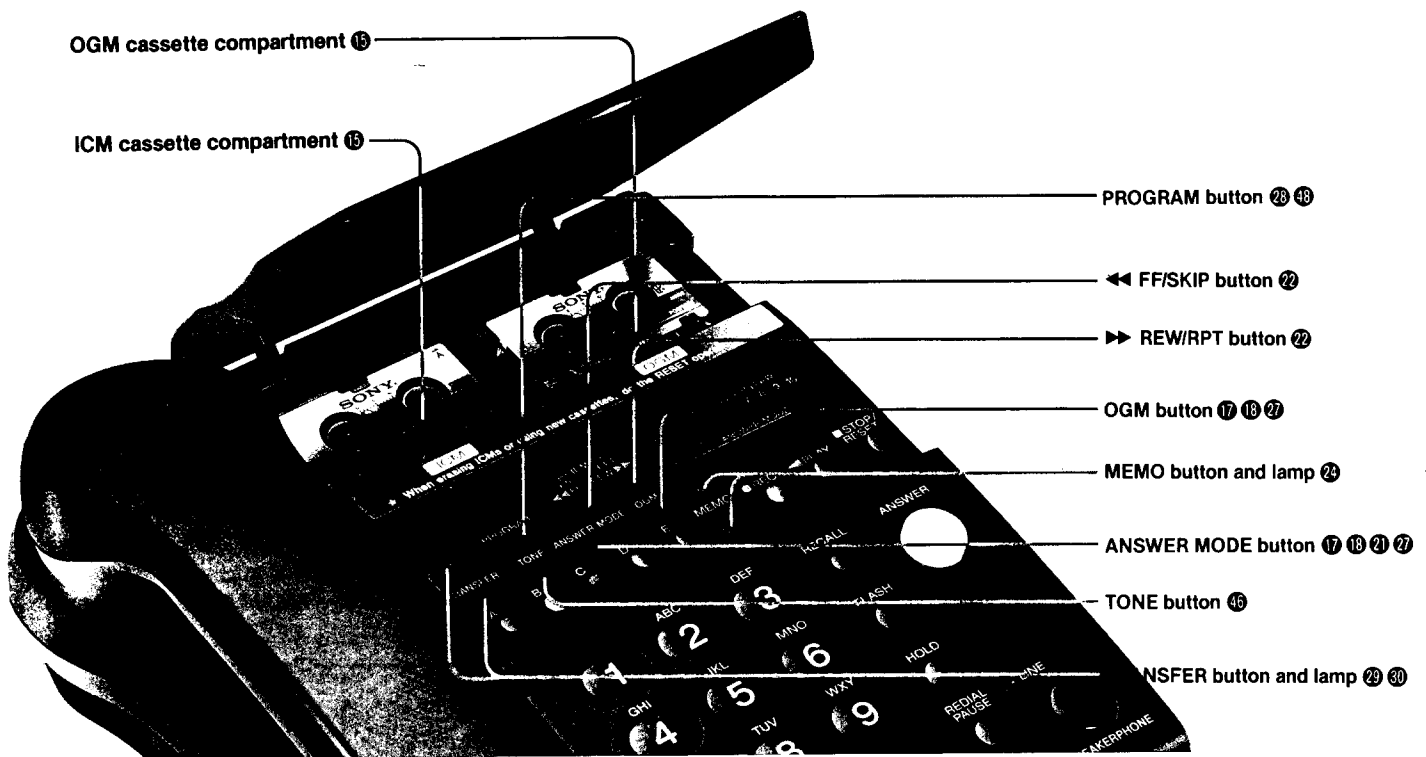
For detailed instructions, see the page indicated in the ●.

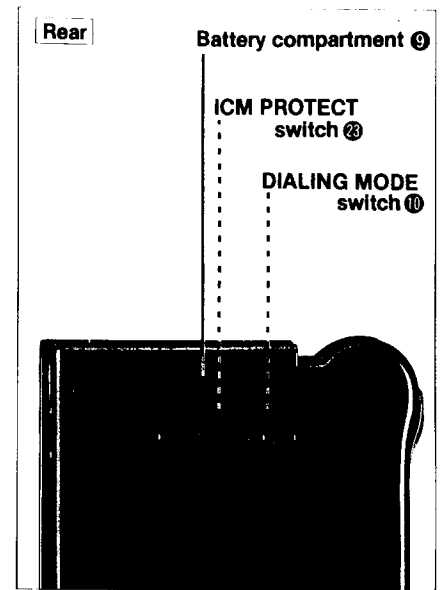
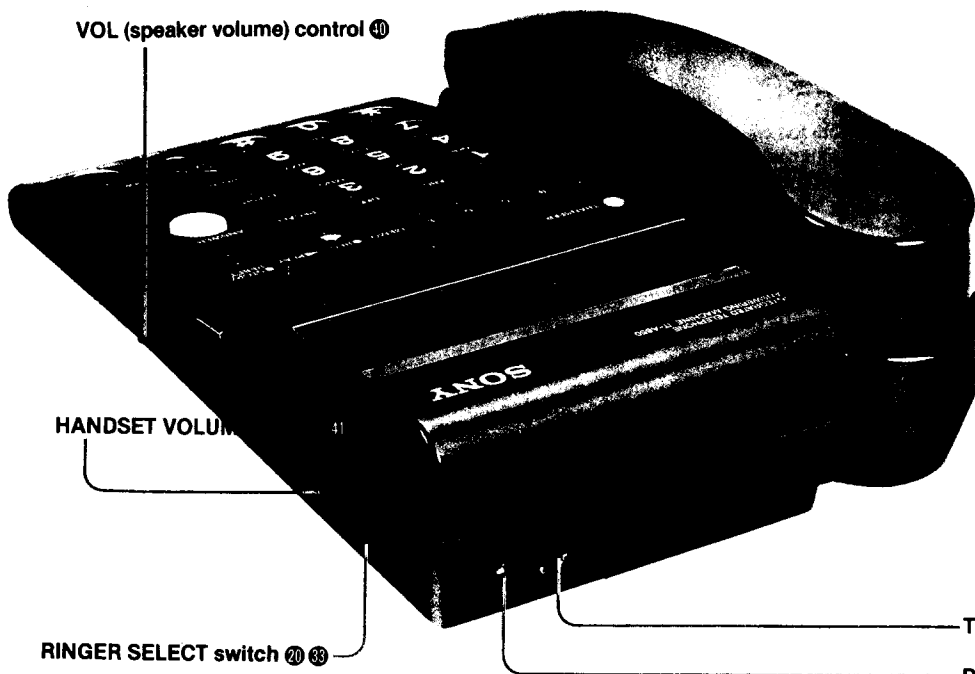
(Photo: IT-A850)



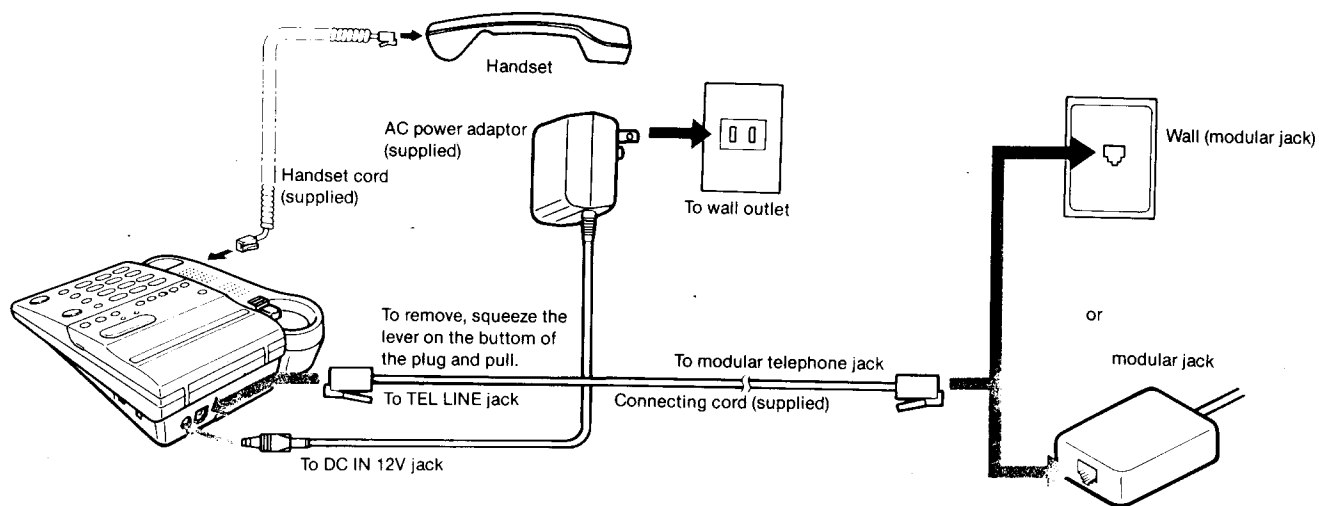
Location of Controls

Under cover





1 Connections



- When the unit is connected to the power source, a clicking sound may be heard from the cassette compartment but it is normal.
- Consult the telephone company if your house is not supplied with a modular telephone jack.
- Use only the supplied AC power adaptor. In case of accident or malfunction, take the unit to an authorized Sony service shop.

- If the unit does not work even if the AC power adaptor is connected to the wall outlet, disconnect and after a few moments, reconnect it firmly again.

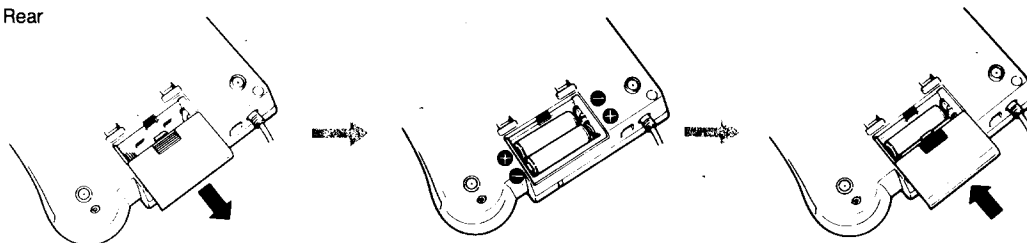
2 Install size AA (R6) batteries (optional) for memory and dialing backup

- To insure that memory backup is not adversely affected, install optional size AA (R6) batteries.
- When batteries are installed, you can make phone calls even in case of power interruption ("One-touch" and "Speed" dialing functions and the telephone answering function cannot be activated.). But the batteries will consume quickly and the unit will not operate correctly. In this case, replace the batteries.
- **For ordinary telephone use, operate the unit with AC power adaptor.**
- Change both batteries at least once a year. If you use the unit without batteries or if the batteries are weak, all the programmed

data will be erased. Also, the dialing function and the telephone answering function will not activate when a power interruption occurs.

- When you change the batteries, disconnect the unit from the modular jack.
- **Do not disconnect the AC power adaptor.**
- When this unit is used at office etc.
If the power source is disconnected during the night, the inserted batteries will supply power to the unit.
In this case, change both batteries every three months.
- See page 65 for precautions concerning batteries.

Rear

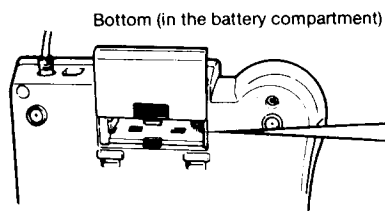


3 Switching the dial mode

Telephone line setups are divided into two types: **pulse** (dial) and **tone** (pushbutton).

The system used in your home is determined by contract between you and your local phone company. **This telephone can be used as either a pulse or a tone phone.**

Your telephone was preset to the PULSE mode. Use the DIALING MODE select switch in the battery compartment to select the mode required.



- Take the batteries out.
- Use a pencil etc., to switch the DIALING MODE select switch.

Note

DO NOT touch the ICM PROTECT switch in the battery compartment. (See page 23.)

10	10 PPS	For the 10 PPS (pulse-per-second) dialing rate of a pulse-type telephone.
20	20 PPS	For the 20 PPS (pulse-per-second) dialing rate of a pulse-type telephone.
T	T (TONE)	For a tone-type telephone.

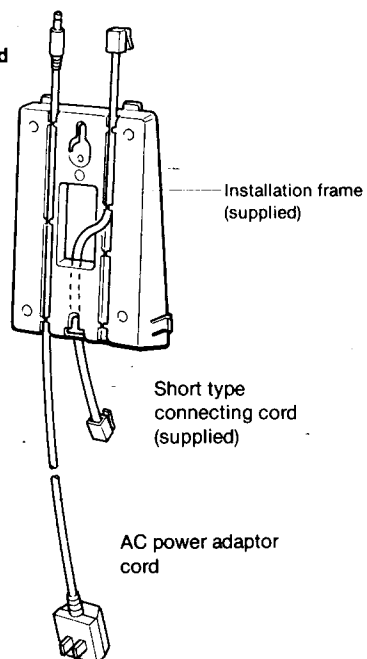
If you select the wrong dialing mode

You may be unable to dial calls at all, or you may be connected to the wrong number.

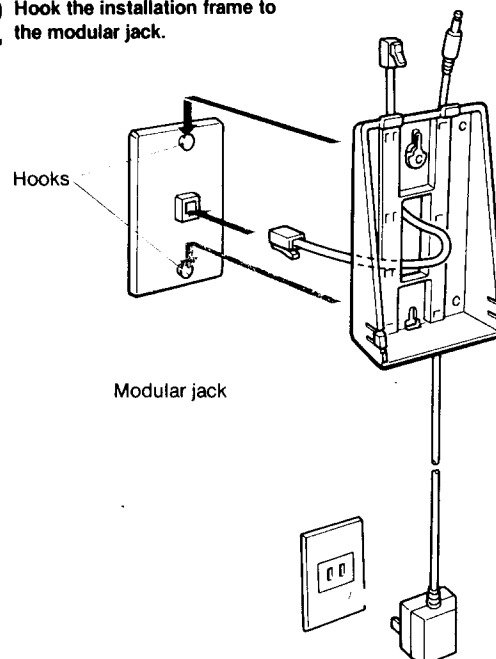
- DO NOT change the setting while you are in the middle of a telephone call.

If you want to attach the telephone on the wall

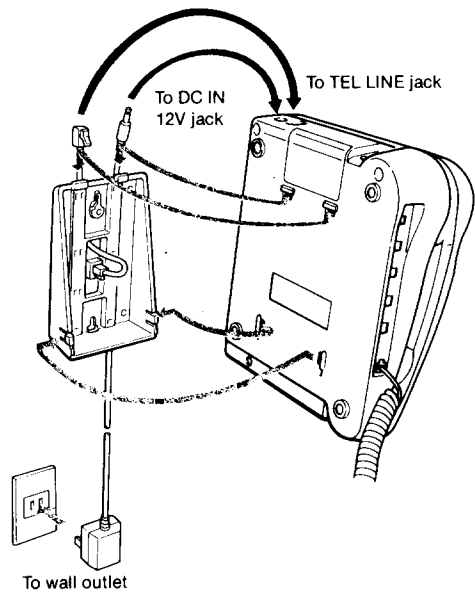
- 1 Attach the AC adaptor cord and the connecting cord to the installation frame.



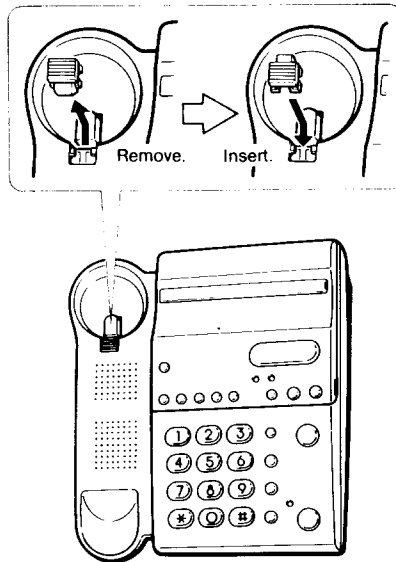
- 2 Hook the installation frame to the modular jack.



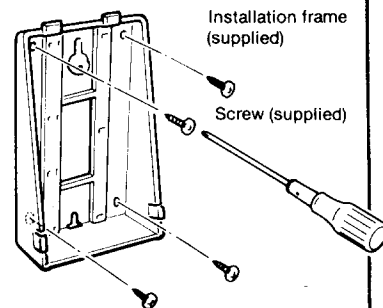
- 3** Align the installation hooks with the slots on the installation frame. Insert telephone in the frame and push down.



- 4** Reset the handset holder upside down.

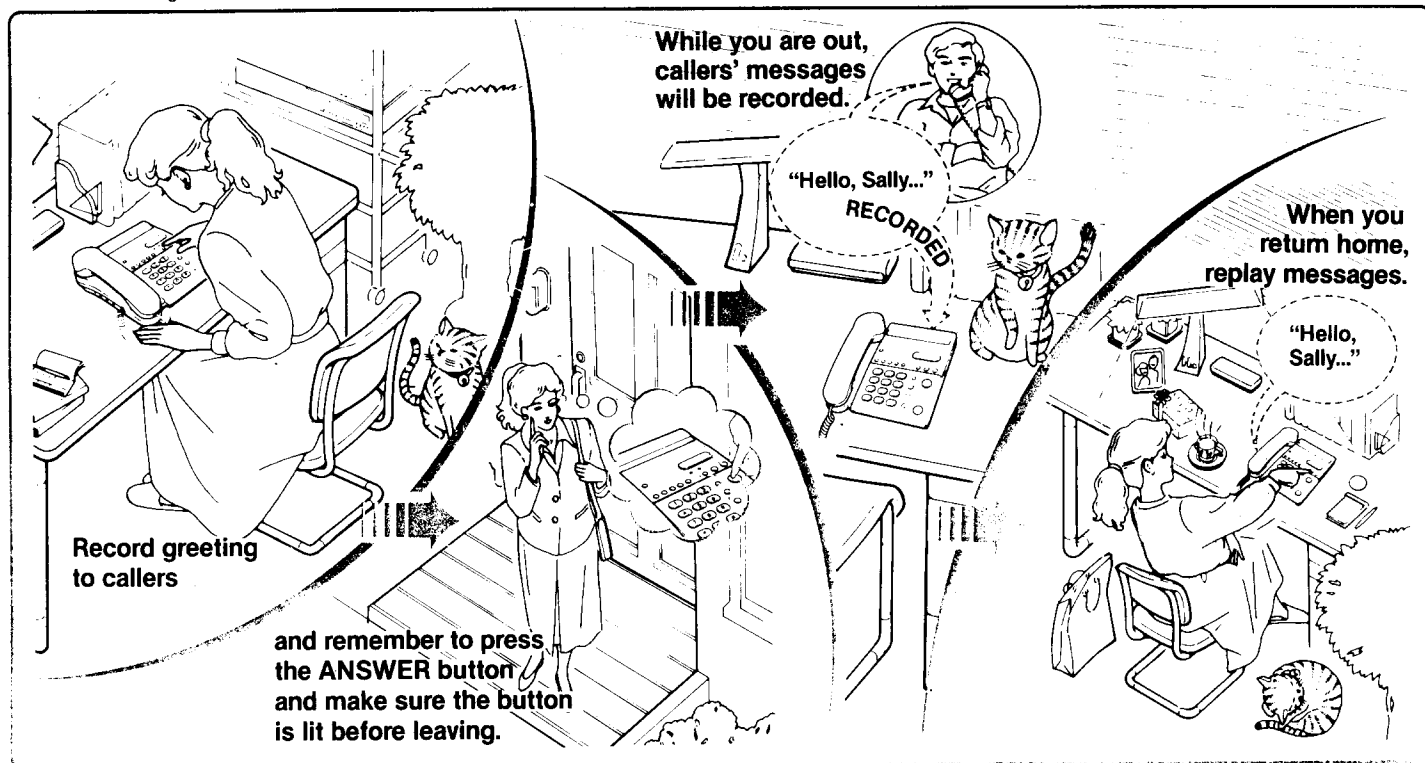


In step 2, if you cannot hook the installation frame, attach it directly to the wall. Use the supplied screws.



What Can an Answering Machine Do?

When you go out, or you are busy with a job that demands all of your attention, the unit will answer phone calls and record the caller's message.



Things to do for using the unit as a telephone answering machine.

	Page
Preparation 1 Insert the cassettes.	15
Preparation 2 Record greetings.	16
Preparation 3 Set the number of times the phone rings before the unit answers.	20
Preparation 4 Set the recording time for incoming messages.	20
When you leave home	
Select the answering mode.	
Set the unit to "ANSWER".	21
When you return	
Listen to the recorded messages.	22
Other available functions	
• You can set the unit so that only those who know the security code can listen to the messages. (ICM privacy)	23
• You can record a message and leave it for others in your household. (MEMO)	24
• You can record a conversation during a call.	25
• You can send a recorded message by phone.	26

Preparation 1 Insert the cassettes

1 Open the cover.



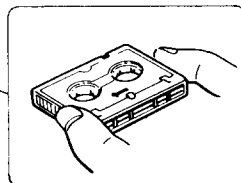
2 Insert the cassettes.



For recording callers' messages (ICM)

Remove cassettes manually. (There is no "eject" button.)

For recording your greeting to callers (OGM)

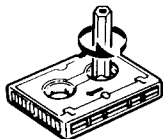


Press firmly to insert the cassette. The side you wish to record should be face up, and the exposed tape should be facing you. Make sure there is no slack in the tape.

Important notes about cassette care

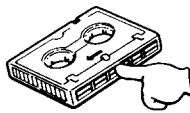
To prevent tape tangles

Take up slack in the tape, using a pencil inserted in the hub, before inserting the cassette.



DO NOT touch the tape surface with your fingers

This may make the heads dirty.



Make sure you insert the cassette completely

Incompletely inserted cassettes will not run properly, and may cause the tape to tangle.

To find side A even in the dark

The A side of all Sony Microcassettes has an indentation like the one in the illustration.



Replacing cassettes

If you use the same cassette for a long period of time, it will gradually wear out. The recording quality will worsen, and malfunction of the unit may occur. It is best to replace cassettes regularly and promptly.

We recommend Sony MC-30 or MC-60 Microcassettes. **MC-90 cassettes should be avoided.** They use very thin tape which tangles easily.



Preparation 2 Record greetings

Two types of greetings are possible. Type A requests messages from callers, and type B greets callers when you do not want to record callers' messages or when recording space is used up.

Record both of greeting type A and greeting type B on the Out-going message cassette. Otherwise, you cannot use the telephone answering function.

Your answering mode selection is displayed on the MESSAGE COUNTER/ANSWER MODE lamp, both when recording your OGMs and prior to setting the unit to "ANSWER" calls.

Greeting type	Answering mode and lamp	Function	Examples
Type A	"Out" lamp 1	When you are not at home, the unit asks the caller to record a message.	Hello, this is Sally. I am out at this time. Please leave a message. Speak clearly after the tone. You can record for *60 seconds. Thank you.
Type B	"Announce only" lamp 2	When you do not want to record callers' messages, or when the capacity for recording calls is full, the unit sends your message. When the capacity of the In-coming message cassette is full, the answering mode of the unit will be switched automatically to the "Announce only" mode.	Hello, this is Sally. I am unable to answer your call now. If you have urgent business, I can be reached at ***.****. Thank you. or Thank you for calling Mona Lisa Painters. We are sorry, but our business hours have ended for the day. Please call us again tomorrow. We open for business at 8:30 AM.

*See page 20 for callers' recording time.

For recording your Message Transfer (MT) OGM, see page 27.

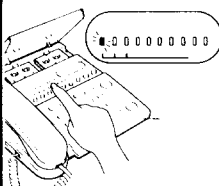
Check

- Make sure the handset is on the hook.
- If the ANSWER lamp is lit, press it to turn it off.
- If the LINE lamp is lit, press the SPEAKERPHONE button to turn it off.
- Make sure the cassette for out-going message is inserted. (page 19)

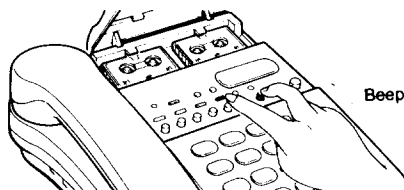
On the IT-A750

Press **ON HOOK**
DIAL instead of
SPEAKERPHONE.

1 Open the cover.
Press **ANSWER**
MODE so that the
lamp 1 lights up.

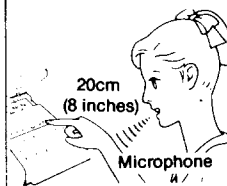


2 Press **OGM** and **REC** simultaneously.
(Do not let more than 2 seconds elapse
between these two buttons.)



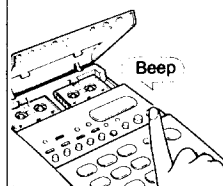
- The REC lamp lights up.
- The OGM tape will be advanced or rewound to prepare for recording.
- You will hear a beep and the REC lamp will flash. This means that the unit is now in the recording standby mode.

3 Press **REC**.
Record your
greeting type A.

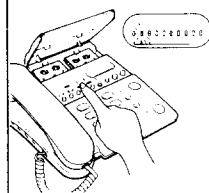


- The REC lamp lights up.
- The recording length is up to 1 minute.

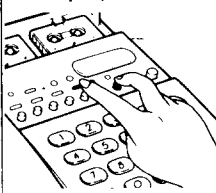
4 When the greeting
is recorded,
press **STOP**.



5 Press **ANSWER MODE** so that the lamp 2 lights up.

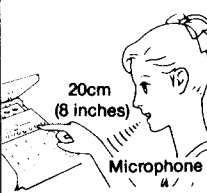


6 Press **OGM** and **REC** simultaneously. (Do not let more than 2 seconds elapse.)



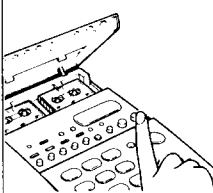
- The REC lamp lights up.
- The OGM tape will be advanced or rewound to prepare for recording. Wait for a few seconds until the tape stops.
- You will hear a beep and the REC lamp will flash. The unit is now in the recording standby mode.

7 Press **REC**. Record your greeting type B.



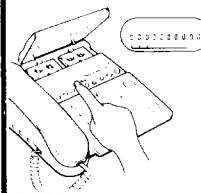
- The REC lamp lights up.
- The recording length is up to 1 minute.

8 When the greeting is recorded, press **STOP**.



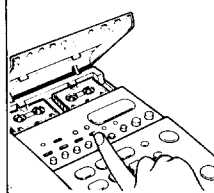
To play back the recorded greetings

1 Press **ANSWER MODE** to select the desired greeting.



Lamp 1 ⇔ Greeting type A ("Out")
Lamp 2 ⇔ Greeting type B ("Announce only")

2 Press **OGM**.



The tape stops automatically.

To stop playback midway, press **STOP**.

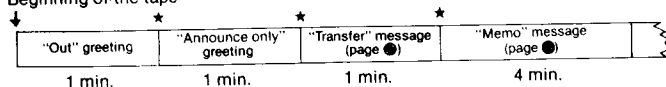
To record your Message Transfer (MT) message, see page 18.

Note

During recording, if a power interruption occurs or the AC power adaptor is disconnected, be sure to re-record the OGMs.

Each greeting or message is recorded in a particular portion of the cassette tape

Beginning of the tape



When recording messages, the tape will automatically advance (or rewind) to the beginning point of each message (★ marks). Please wait for a few seconds until the tape stops and is ready to record.

To erase the recorded message

Recording of a new message erases the previously recorded message.

For best recording results

Record in a quiet room and speak in a clear voice. If you add background music, make sure that you speak louder than the music.

If the whole tape is used up by the messages while recording

Re-record the entire tape from the beginning.

Are you having trouble?

Recording cannot be made.

- See the check points on page 17.
- Speak close enough to the microphone when making recordings. (Approx. 8 inches)

Preparation 3: Set the number of times the phone rings before the unit answers

Proceed as follows.



3 5 TOLL SAVER
RINGER SELECT

Set to 3: the unit will send the OGM (Out-Going Message) after 3 rings.
Set to 5: the unit will send the OGM after 5 rings.
Set to TOLL SAVER.

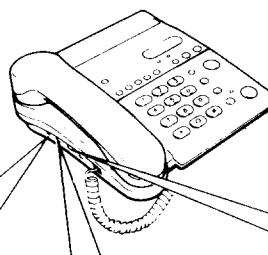
When you are calling from outside to hear messages, you can know if there are any messages recorded simply by counting the phone rings.
If any messages have been recorded, you will hear your OGM after the phone rings three times.
If there are no messages recorded, the phone rings five times before the OGM answers. Once you hear the fourth ring, you can hang up and thus save the charge for the call.

VOX switch

Normally set to ON.

If playback stops in the midst of a recorded message, set this switch to OFF.

Preparation 4: Set the recording time for in-coming messages



CPC
ON OFF

VOX
ON OFF

ICM REC TIME
1M 4M

Switch	Normal position	If you have "call-waiting" service
CPC switch	Set to ON.	Set to OFF.
VOX switch	Set to ON.	Set to ON.
ICM REC TIME switch	Set to 1M or 4M. (minute)	Set to 1M or 4M.

Tape-saving feature:

- When the caller's message is shorter than the set time limit (1 min. or 4 min.), the unit will stop recording after the caller stops talking.
- If the CPC switch is set to OFF, a tone may be recorded at the end of your caller's messages.

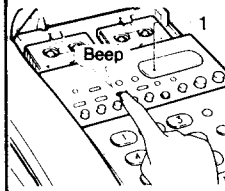
- If your phone has a "call waiting service" (hold), set the CPC switch to OFF. If it is set to ON, your caller may be cut off midway through recording his message if another call comes in.

If you wish to record in-coming messages If you do not want to record messages

Check

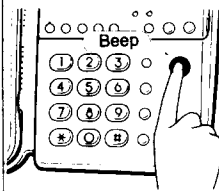
- Is the "Out" message (greeting type A) recorded? If not, an alarm sounds when you try to set the unit to the "Out" mode.
- Is the cassette for In-coming messages inserted? (page 16)

1 Press **(ANSWERMODE)** so that the MESSAGE COUNTER/ANSWER MODE lamp 1 lights up.



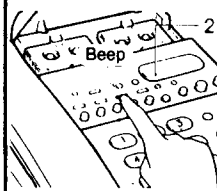
The unit is set to the "Out" mode. (answering mode 1) (See page 16.)

2 Press **(ANSWER)**.



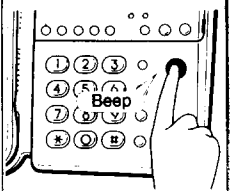
- The ANSWER lamp lights up.
- The unit is now ready to "ANSWER" calls.
- The tape is advanced or rewound to standby for recording.

1 Press **(ANSWERMODE)** a few times until the lamp 2 lights up.



The unit is now in the "Announce only" mode. (See page 16.)

2 Press **(ANSWER)**.



- The ANSWER lamp lights up.
- The unit is now ready to "ANSWER" calls.

Screening calls

1. Press **(ANSWER)** so that the ANSWER lamp lights up.
2. When the phone rings, the unit answers and plays the selected out-going message.
3. You will hear the caller's voice over the speaker, while the caller records a message.
4. If you want to speak to the caller, pick up the handset. If you do not pick up the handset, the unit will disconnect after it records the caller's message. For screening calls, be sure that the lamp 3 (MT for transfer mode) is not lit.

If the caller's message is shorter than 4 seconds

It is recorded on the tape but not registered as an "in-coming message". Therefore, the MESSAGE COUNTER/ANSWER MODE lamp will not light up if only that message is recorded on the tape.

Notes

- If you press **(ANSWER)** when the lamp 3 (MT for "Transfer" mode) is lit, a beep is heard and the unit will not enter the ANSWER mode.
- The lamp 3 must be lit when recording the "transfer message." (Page 17).

Are you having trouble?

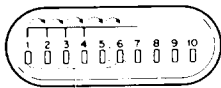
A beep sounds when you press **(ANSWER)**.

- Is the lamp 3 lit up?
- Press **(ANSWERMODE)** so that the lamp 1 or 2 lights up.
- Did you record the OGMs? (page 16)



When You Return — To play back recorded messages from callers

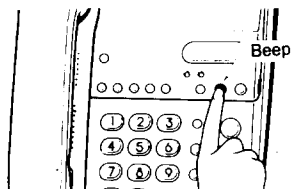
If any message has been recorded, the MESSAGE COUNTER/ANSWER MODE lamp(s) will be lit. You can see how many messages are recorded by the number of the lamps lighting up.
Ex: If 6 messages are recorded.



Lamps 1–6 will light up one by one successively. If more than 10 calls are recorded, lamp 10 flashes.

To play back recorded messages immediately

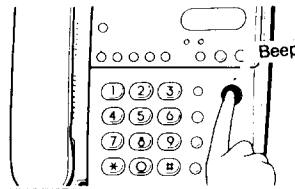
Press **(PLAY)**.



- The ANSWER lamp will go out to indicate that the ANSWER mode is off.
- The tape will be rewound to the beginning automatically and all the recorded messages will be played back in succession.

To listen to recorded messages later

Press **(ANSWER)** so that the "ANSWER" mode is turned off.



- The ANSWER lamp goes off.
- Press **(PLAY)** whenever you want to listen to the messages.

To reset the unit to the "ANSWER" mode again (To erase the messages) — RESET

After messages are played back, the tape stops automatically. Press and hold **(RESET)** until you hear 3 beeps.

After you hear three beeps, the tape will rewind to its beginning. When you set the unit in "ANSWER" mode, recording of messages will be made from the beginning of the tape and previous messages will be erased.

Note To perform the RESET operation, first all the messages must be played back. To play back them quickly, press **(PLAY)** then **(FF)**.

After reviewing your incoming messages, press (ANSWER) to set the unit to take new calls.

The reviewed messages will be saved, and new calls will be recorded. The message counter will not reset.

To protect incoming messages from erasure

When all messages are played back, the tape stops automatically. New messages will be recorded from this point, and all preceding message will be saved. You can also use the reverse side of the tape or use a new tape.

If you use a new tape, be sure to make the RESET operation. (See above.)

To stop the tape

Press **(STOP)**.

To search for the beginning of each message and listen to it

During playback, press **(FF)** or **(REW)**. The tape will advance or rewind to the beginning of the next message or the previous message and start playback.

To rewind the tape

Press **(STOP)**, then press **(REW)**.

To advance the tape

Press **(STOP)**, then press **(FF)**.

Notes

- Each time you set the unit to "ANSWER", check that the length of the tape is enough for recording in-coming messages.
- When you have changed the tape to a new one, be sure to make the RESET operation. If not, recordings will not be made properly.

Using the ICM protect function — Incoming messages will be heard only by the person(s) who know(s) the security code.

Use this function when an incoming message to be kept in privacy will be recorded while you are out.

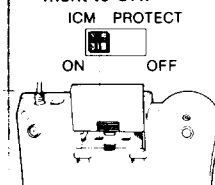
(While recording, the caller's voice will not be heard.)

Only the persons who know the security code A can listen to the messages.

(See page 28 about the security code.)

When you go out

- 1 Set the ICM PROTECT switch in the battery compartment to ON.

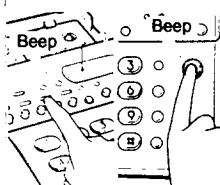


- Take the batteries out when switching. Replace them within 1 minute. (If not, "One-touch" and "Speed" dialing numbers will be erased.)

- Use a pencil etc., to switch the ICM PROTECT switch. DO NOT switch the DIALING MODE switch.

- When switching, do not disconnect the AC power adaptor.

- 2 Press **ANSWER** to set the unit in the "ANSWER" mode.



Check that lamp 1 is lit, then press **ANSWER**. (See page 21.)

When you return

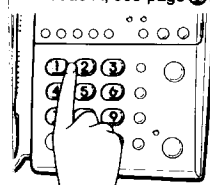
- 1 Press **PLAY**.



You will hear beeps.

- 2 Enter security code A.

To program security code A, see page 28.



The message(s) will be heard.

Note

In normal use, set the ICM PROTECT switch to OFF.

If it is set to ON, persons who do not know the security code will be unable to play back the incoming messages.



Using the Memo Message Function — To record a message and leave it to others in your household

To Record a Memo Message

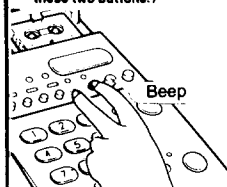
Check

- If the LINE lamp is lit, press **(SPEAKERPHONE)** to turn it off.
- Is the memo message recorded on the OGM tape?

On the IT-A750

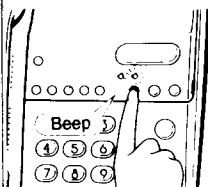
Press **(ON HOOK DIAL)** instead of **(SPEAKERPHONE)**.

1 Press (REC) and (MEMO) simultaneously.
(Do not let more than 2 seconds elapse between these two buttons.)



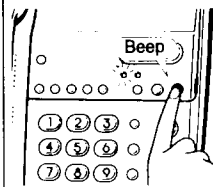
- The MEMO and REC lamp light up.
- The OGM tape will advance or rewind. Wait for a few minutes until the operation finishes.
- After a tone, the REC lamp starts flashing. This means that you can now record the memo message.

2 Press (REC), then record your message.



- The REC lamp lights up.
- The recording length is up to 1 minute. If the message is longer than 1 minute, a beep will be heard and recording will stop automatically.

3 Press (STOP) when you finish recording.



- The REC lamp goes off.
- The MEMO lamp lights up.

To listen to a recorded memo message

- If any message is recorded, the MEMO lamp is lit. Press **(MEMO)** to play back.
- To re-play the message, press **(MEMO)** again. You can repeat playback as long as you do not turn the MEMO lamp off.
- **To turn the MEMO lamp off.** After you have listened to the memo message, wait that the tape stops, then, while you hear 6 beeps press **(STOP)**.

To erase the memo message

If you record a new message, the previous one will be erased.
Before recording, always turn the MEMO lamp off.
(See above.)

To listen to the memo message from a pushbutton phone

See page 66 for details.

To send the memo message to the person on the other end of the phone

Press **(MEMO)** during your conversation. The tape will search out the memo message part and play it back.
During playback, you will hear the caller's voice, but the caller will not hear your voice.

Note

You cannot send the memo message if you use the speakerphone function. (Page 42).

If a power interruption occurs while you are recording the MEMO message (or if the AC power adaptor is disconnected), the MEMO lamp lights up and remains on. Press **(MEMO)** to play back the message and wait for about 5 minutes until you hear an alarm sound. Then, re-record.

Recording a Call in Progress

This function is useful for sending someone's message to another person accurately. For example, you record Mr. A's call first. (You should tell Mr. A that you will record his voice.) Then while talking with Miss B, you can play Mr. A's message to Miss B.

Note

Once you record a call in progress, you will not be able to search for the beginning of each message (page 22) or to listen to the recorded messages by remote control function.

To record the conversation

Check

- Have you inserted a tape for ICMs in the left-hand compartment?

Notes

- If a conversation is recorded on the ICM tape, the beginning of each ICM will not be found by (FF) or (REW).
- The recordable length is the length of the whole tape.
- You can record even if the unit is in the ON HOOK DIAL mode. In this case, only the caller's voice will be recorded.

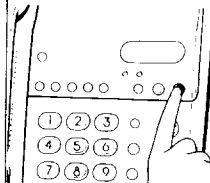
1 Press (REC) during your phone conversation.

Party at 8 PM.



- The REC lamp lights up.
- During recording, short beeps (every 15 sec.) will sound.

2 Press (STOP) when the recording is finished.



The REC lamp goes off.

To listen to the caller's message after you have hung up

- If you have recorded from the beginning of the tape, press (REW). After the tape stops, press (PLAY).
- If you have recorded midway into the tape, press (REW) or (FF) to search for the message. Press (STOP), then press (PLAY).

To send a memo message to the person on the other end of the phone

Press (PLAY) during the conversation.



Miss B will hear the memo message. (While the message is playing, you cannot talk to her.)

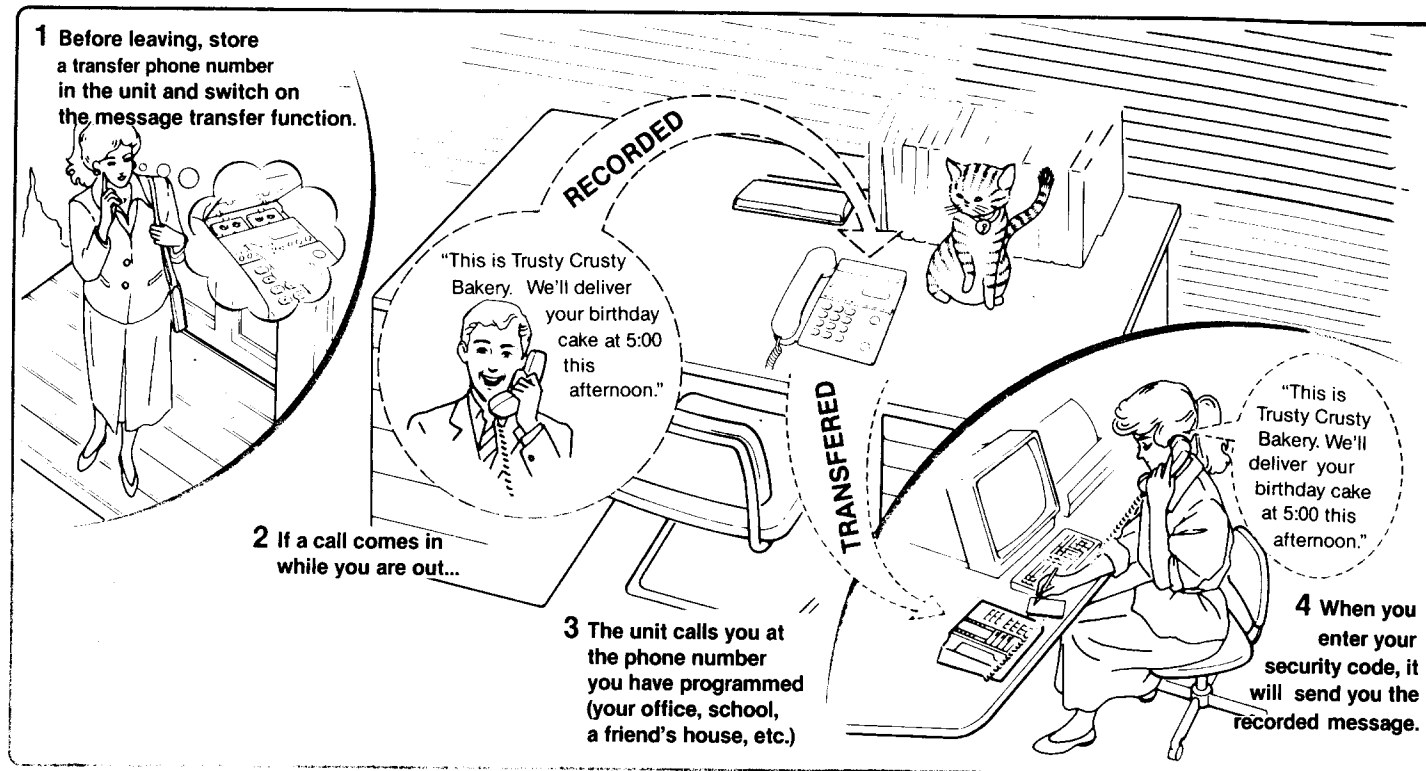


Party at 8 PM.

Party at 8 PM.



How Does the Message Transfer System Work?



Preparation 1: Record your "Transfer message"

Check

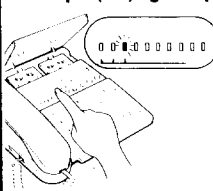
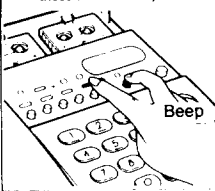
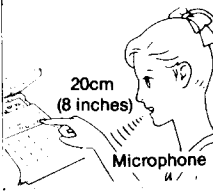
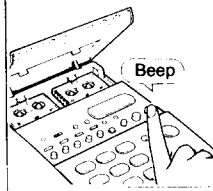
- Make sure the handset is on the hook.
- If the ANSWER lamp is lit, press it to turn it off.
- If the LINE lamp is lit, press the SPEAKERPHONE button to turn it off.
- Make sure the cassette for out-going message is inserted. (page 15)

On the IT-A750

Press **ON HOOK DIAL** instead of **SPEAKERPHONE**.

To play back the recorded greetings

- 1 Press **ANSWER MODE** so that the lamp 3 (MT) lights up.
- 2 Press **OGM**.
To stop playback, press **STOP**.

1 Open the cover. Press ANSWER MODE so that the lamp 3 (MT) lights up. 	2 Press OGM and REC simultaneously. (Do not let more than 2 seconds elapse between these two buttons.)  Beep • Do not let more than 2 seconds elapse between these two buttons. • Do not press OGM and REC separately. • The REC lamp lights up. • The OGM tape will be advanced or rewound to prepare for recording. • You will hear the beep and the REC lamp will flash. (recording standby mode)	3 Press REC. Record your transfer message.  20cm (8 inches) Microphone • The REC lamp lights up. • The recording length is up to 1 minute. • Example of greeting Hello, please call xxx to the phone. Thank you. → (Your name) • Repeat recording several times so that the transfer message is clearly heard by the receiver.	4 When the message is recorded, press STOP.  Beep
---	---	--	--

To cancel the transfer message

Press **TRANSFER** when the unit is in the recording standby.

Tape will move then it will stop.

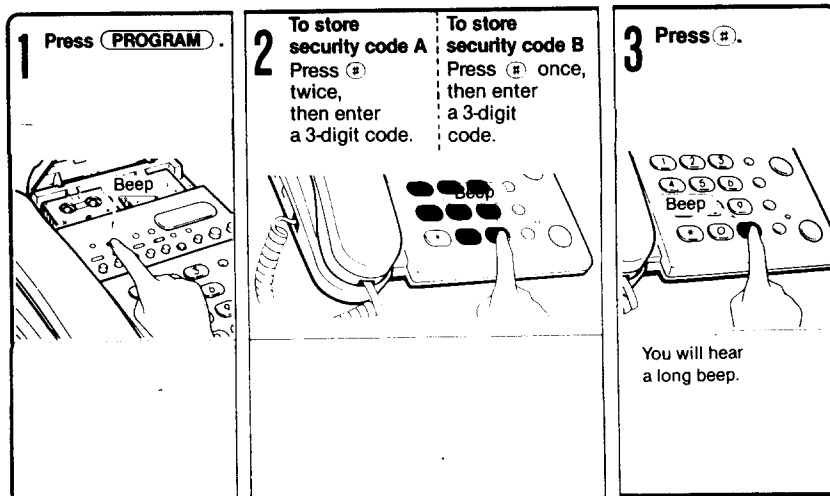
- Be sure to record the new message next time you use the message transfer function.

Preparation 2: Program the security codes

You and your family or friends who know the security code can remotely control this unit from a pushbutton phone.

There are two kinds of security codes: security code A and B. Each code activates the unit in different ways.

- With security code A, you can operate all of the remote control functions.
 - With security code B, you can play back the memo message and activate the special ring.
- For details see page 39 ~ 40.



To change your security code

Store a new code. The previous code will be erased automatically.

Example

Security code A:

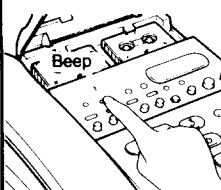
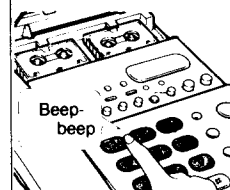
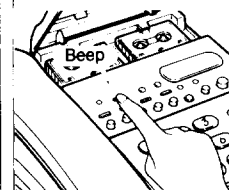
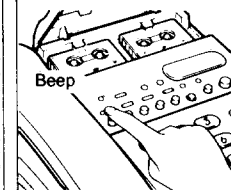
Press PROGRAM # # 3 2 1 #

Security code B:

Press PROGRAM # 1 2 3 #

- You cannot store the same number for both security codes.
- Remember the codes or write them down on the supplied Remote Control Card. If you don't, you cannot operate this unit.

Preparation 3: Store a transfer phone number

1 Press PROGRAM. 	2 Enter the transfer telephone number — the number to which you want to relay messages.  Beep-beep Up to 40 digits can be stored.	3 Press PROGRAM. 	4 Press TRANSFER. 
--	--	---	---

To change the transfer phone number to a new one

Enter the new number. The previous one will be erased.

To erase the transfer phone number

1. Press **PROGRAM** twice.
2. Press **TRANSFER**.
A long beep sounds.

To dial the transfer phone number

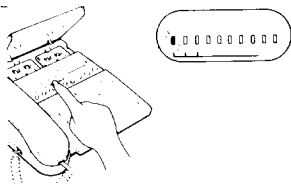
- 1 Pick up the handset or press **SPEAKERPHONE**. (**ON HOOK DIAL** for IT-A750)
- 2 Press **TRANSFER**.

Preparation 4: Set the unit in the message transfer mode

Check

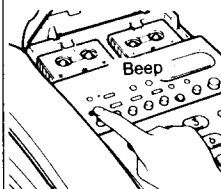
- Is the "Transfer" message recorded? See page 27.
- Is the security code A stored? (page 28)
(The message transfer function will be operated without recording the transfer message. But we recommend you to record it.)
- Is the transfer telephone number stored? (page 29)

1 Press **ANSWER MODE** so that the MESSAGE COUNTER/ANSWER MODE lamp 1 lights up.



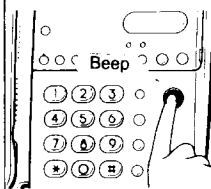
- Make sure that the lamp 1 is lit. If the lamp 2 or 3 is lit, the message transfer system does not work.
- If you press **ANSWER** when the lamp 3 is lit, an alarm sounds. If you press **ANSWER** when the lamp 2 is lit, the unit enters the answering mode 2.

2 Press **TRANSFER**.



The TRANSFER lamp lights up.

3 Press **ANSWER**.



The ANSWER lamp lights up.

To disengage the transfer mode

Press **TRANSFER**.
The TRANSFER lamp goes off.

Are you having trouble?

When you press **TRANSFER**, an alarm sounds and the TRANSFER lamp does not light up.

- Is the security code A stored? (page 28)
- Is the transfer telephone number stored? (page 29)

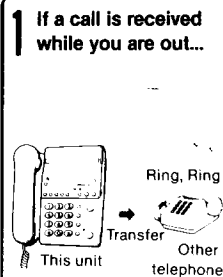
Listening to a Recorded Message from a Touch-Tone Phone Using the Message Transfer System

RE

To play back the message

Check

- Is security code A programmed? (See page 28.)
- To use this function, you must use a touch-tone phone.



The message will be recorded. Then the unit will ring you at the transfer phone number.

2 When you pick up the handset, a "Transfer" message or beeps will be heard.



- After the message, beeps will be heard. (1 min.)
- If you did not record the "Transfer" message, only beeps will be heard. (1 min.)

3 Before the beeps stop (within 1 minute), press **#** and enter security code A.

ex: **1 2 3 4**



- A long beep sounds.
- If you enter a wrong number three times, the unit will disconnect automatically.

4 When you hear a beep again, press ***** and **1**.



- A long beep sounds.
- The recorded messages will be played back. After the messages are played back, just hang up.

means that you should press the buttons on this unit.

means that you should press the buttons from the touch-tone phone.

To stop the playback of the message.

Press ***** and **0**.

Are you having trouble?

You cannot listen to the transferred message.

- Did you press the **#** button before pressing your security code?
- Did you use a touch-tone phone as an outside phone?
- If the line is cut off before you have listened to the message, call this unit from an outside phone and listen to the message. (See page 28.)

How many times will the message be relayed?

If the line is busy in step 1, or if you do not enter the security code A in step 3, the unit will hang up automatically. Then, it will redial 15, 30 and 60 minutes later. If the security code A has been entered in step 3, but you did not hear the messages by entering ***** and **1**, the unit will not redial any more. In this case, call this unit from the touch-tone phone so that you can listen to the message. (For details, see page 28.)

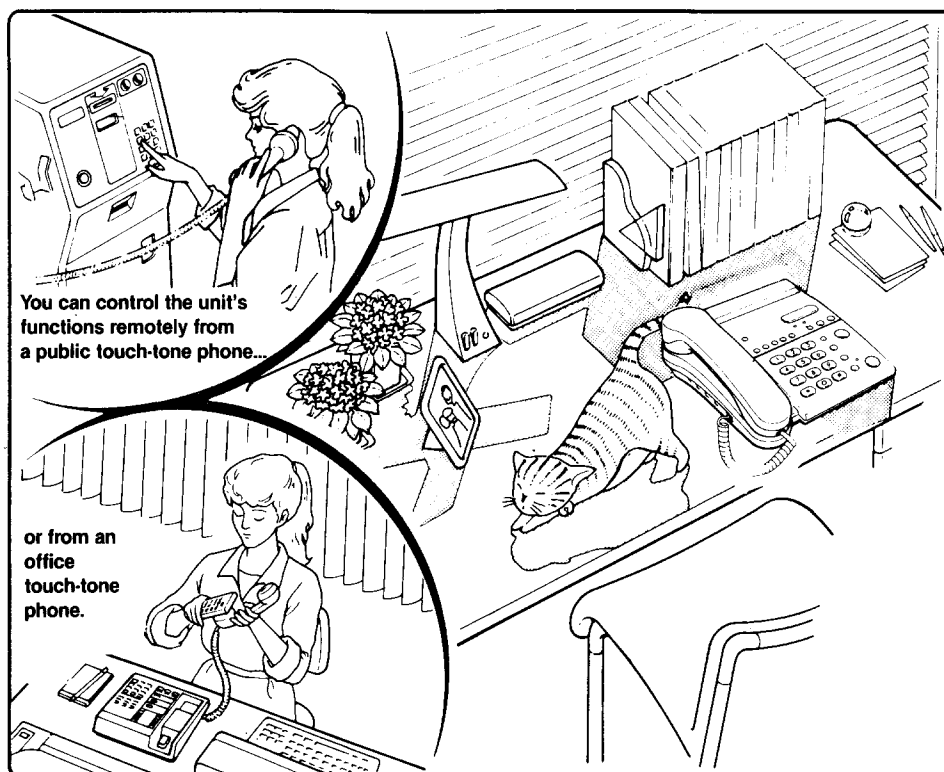


What Can You Do by Remote Control?

By sending a security code and control codes, **from a touch-tone telephone**, you can do the following:

- Listen to messages callers have recorded on your phone.
- Switch on the message transfer function.
- Switch on the answering machine function.
- Operate other functions.

The following pages illustrate a few of the more commonly used remote functions. A full list of options is outlined on pages 36 ~ 39.



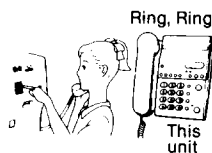
Using the Remote Control Features from a Touch-tone Phone

Example 1: To play back in-coming messages

Check

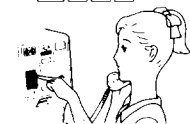
- Make sure the out-going messages are recorded.
- The security code must be programmed.
- Switch on the answering machine before leaving your house.
- Use a touch-tone phone.

1 Call your home phone using a touch-tone phone.



2 While your out-going message is playing, press **[#]**, then your security code of 3 digits. (Code A)

ex: **[#] 3 2 1**



- You will hear a long beep, then beeps.
- If you do not hear the beeps, press **[#]** and your security code again.
- If you have entered a wrong code three times, the unit will disconnect automatically.

3 While you hear the beeps (within 1 min.), press **[*]** and **[1]**

[*] 1



You will hear a long beep.

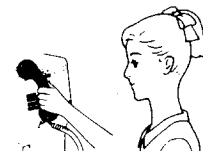
4 You will hear the in-coming messages.



After all messages are played back, you will hear a long beep, then beeps (at 3-seconds intervals).

If you want to stop playback, press **[*]** and **[0]**.

5 Hang up, or activate another function.



To go on to another function, enter a control code within 60 seconds. (See page 60 ~ 69 for control codes.)

With the RINGER SELECT switch set to TOLL SAVER (page 60)

You can know if there are any messages recorded. When you call this unit, count the phone rings before you hear the OGM.

If any messages have been recorded, you will hear your OGM after three rings.

If there are no messages, the phone rings five times before the OGM is heard. Once you hear the fourth ring, you can hang up and thus save the charge for the call.

If the playback of an in-coming messages stops midway

This means that the total length of the messages is more than 4 minutes long. The unit is obliged to stop every 4 minutes. To hear the rest of the messages, press **[*]** and **[1]** while the "beeps" are being heard.

When you press **[*]** and **[1]**

If the message was already heard, 2 beeps sound.

If it is a new message, no beep will sound.

When listening to an in-coming message (Step 4), you can — replay the message you have just heard by pressing **[#]**, **[6]** or — skip to the next message by pressing **[#]**, **[4]**.

Example 2:

To activate the special ring

If a caller enters the **security code A** or **B** then enters the remote control code, they can activate a special ring letting you to know who is calling.

Use this function

- When you want to know who is calling you. (It enables you to answer only the desired calls.)
- When the RINGER LEVEL switch is set to OFF. Only this special ring will be heard so that you can answer the important calls.

Check

- Is the "ANSWER" mode on?
- Are the security codes programmed? (You can use both security codes A and B.)
- Is the caller calling from a touch-tone phone?

1 Call your home phone. When an OGM is heard, press **#** and the security code A or B.



A long beep, then beeps will be heard.

2 Press **#**, **7**.



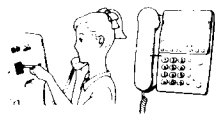
- The special ring will be heard.
- To stop the ring, press *****, **0**.
- The volume of special ring can be controlled by the VOL control.

**Example 3: To monitor the sound of the room while you are out
(Room-monitor function) Only for IT-A850**

Use this function

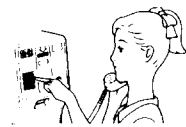
- when you want to check if the TV is switched off.
- when you want to know if the baby is still sleeping.
- when you want to check that a stranger has not come in.

1 Call your home phone from a touch-tone phone.



2 When an OGM is heard, press **#** and the security code **A**.

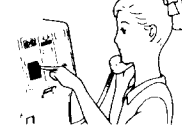
ex: **# 3 2 1**



A long beep, then beeps will be heard. If you don't hear the beep, press **#** and the code A again. If you enter the wrong number three times, the unit will hang up automatically.

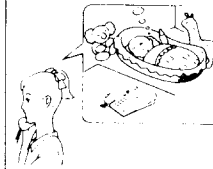
3 Press **#**, **5** within 30 seconds.

5



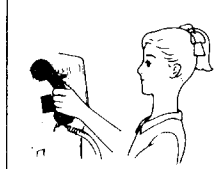
A long beep will be heard.

4 You can monitor sound through the microphone of the unit.



After 1 minute, the unit will stop monitoring sound and beeps will be heard. If you enter **#**, **5** while you hear beeps, the monitoring will go on.

5 Hang up, or activate another function.



If you want to activate another function, instead of hanging up, press *****, **0** to stop monitoring then, send another control code within 1 minute.

List of remote control codes

		Step 1	Step 2
Message	To play back in-coming messages	Call your home phone.	When you hear the OGM, press [#] , then your security code A.
	To repeat the in-coming message	While listening to an in-coming message	Press [#] , [6] . (You will hear a long beep.)
	To skip to the next message	While listening to an in-coming message	Press [#] , [4] . (You will hear a long beep.)
	To rewind the tape (and erase in-coming messages) (You must first hear all the messages.)	Call your home phone.	When you hear the Out-going message, press [#] , then your [security code A] . (You will hear a long beep.)
Memo	To play back the memo message	Call the home phone.	When you hear the Out-going message, press [#] , then your [security code A or B] . (You will hear a long beep.)
	To record a memo message (If any message is recorded, first play back the message.)	Call your home phone.	When you hear the Out-going message, press [#] , then your [security code A] . (You will hear a long beep.)
	To prevent a memo message from being played back (You must first hear the memo message.)	Call your home phone.	When you hear the Out-going message, press [#] , then your [security code A] . (You will hear a long beep.)
ANSWER mode	To switch on the answering function	Call your home phone and wait until the phone rings 10 times.	When you hear the be-beeps, press [#] , then your [security code A] . (You will hear a long beep.)
	To switch off the answering function	Call your home phone.	When you hear the Out-going message, press [#] , then your [security code A] . (You will hear a long beep.)
	To activate the special ring	Call the home phone.	When you hear the Out-going message, press [#] , then your [security code A or B] . (You will hear a long beep.)

Step 3

When you hear the beeps, press **★**, **1**. (In-coming messages will be played back.) (★)(★★)(★★★)(You will hear a long beep if any message is recorded, and you will hear an alarm if no message is recorded.)

Press **#**, **6** within 2 seconds of message playback. (You will hear a long beep.)

Step 4

To stop playback, press **★**, **0**.
If the length of the messages is more than 4 minutes, the unit stops every 4 minutes.
To hear the rest of the messages, press **★** and **1** while the beeps are being heard.

Step 5

- To go on to another function, wait for the 3-second interval beeps, then send another control code.
- To end your call, hang up.

About security codes A and B

With the security code A:
you can do all remote control operations.

With the security code B:
you can:
— play back the memo message
— activate the special ring.

When you hear the beeps, press **★**, **1**.
(You will hear a long beep.) All messages will be played back. (If you have already heard the messages skip to the step 4)

When you hear the beeps, press **★**, **3**.
(You will hear a long beep.)

When you hear the beeps, press **#**, **1**.
(You will hear a long beep.) (★), (★★), (★★★)

The memo message will be played back.
(Wait a moment while the unit searches for the memo.)

When you hear the beeps, press **#**, **2**.
(You will hear a long beep.) (★)

When you hear the second long beep, start recording.
To stop recording, press **★**, **0**.
(You will hear a long beep.)

When you hear the beeps, press **#**, **1**.
(You will hear a long beep.)
Memo message will be played back.
(★), (★★), (★★★)

When you hear the beeps, press **#**, **3**.
(You will hear a long beep.)

When you hear the beeps, press **#**, **0**.
(You will hear a long beep.)

When you hear the beeps, press **#**, **9**.
(You will hear a long beep.)

When you hear the beeps, press **#**, **7**.
(You will hear a long beep.)
(The special ring will start.)

To stop the ring, press **★**, **0** or hang up.
(You will hear a long beep.)

- ★ After the beep, the tape will move with "Be-beep...be-beep...". Wait for a moment.
- ★★ If the in-coming messages or the Memo message were (was) listened by any other person, you will hear a long beep, then beeps.
- ★★★ When you enter **★**, **1** or **#**, **1** and if 5 beeps sound, this means that the ICM or Memo message is not recorded.

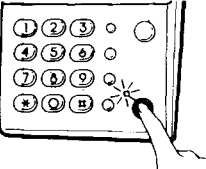
		Step 1	Step 2
Answering mode	To record an "Out" message	Call your home phone.	When you hear the Out-going message, press # , then your security code A . (You will hear a long beep
	To set the unit in normal "Out" mode (Answering mode 1)	Call your home phone.	When you hear the Out-going message, press # , then your security code A . (You will hear a long beep
	To record an "Announce only" message	Call your home phone.	When you hear the Out-going message, press # , then your security code A . (You will hear a long beep
	To set the unit to the "Announce only" mode (Answering mode 2)	Call your home phone.	When you hear the Out-going message, press # , then your security code A . (You will hear a long beep
Message transfer	To turn on Message Transfer (The transfer phone number must be stored and the security code A must be stored.)	Call your home phone.	When you hear the Out-going message, press # , then your security code A . (You will hear a long beep
	To change the transfer phone number	Call your home phone.	When you hear the Out-going message, press # , then your security code A . (You will hear a long beep
	To turn off Message Transfer	Call your home phone.	When you hear the Out-going message, press # , then your security code A . (You will hear a long beep
	To monitor the room Only on FT-A850	Call your home phone.	When you hear the Out-going message, press # , then your security code A . (You will hear a long beep

Step 3	Step 4	Step 5	
When you hear the beeps, press * 6 .	When you hear the long beep again, start recording.	To stop recording, press * 0 .	• To go on to another function, wait for the 3-second interval beep, then send the control code. • To end your call, hang up.
(You will hear a long beep.) (★)		(You will hear a long beep.)	
When you hear the beeps, press * 4 .			
(You will hear a long beep.)			
When you hear the beeps, press * 5 .	When you hear the long beep again, start recording.	To stop recording, press * 0 .	
(You will hear a long beep.) (★)		(You will hear a long beep.)	
		(The unit will be set to the "Announce only" mode.)	
When you hear the beeps, press * 2 .			
(You will hear a long beep.)			
When you hear the beeps, press * 8 .			
(You will hear a long beep.)			
When you hear the beeps, press * 9 .	Enter the new transfer phone number.	Press * 9 .	
(You will hear a long beep.)		(You will hear a long beep.)	
		(The unit will be set to the transfer mode.)	
When you hear the beeps, press * 7 .			
(You will hear a long beep.)			
When you hear the beeps, press # 5 .	The unit will be set to the "Room-monitor" mode (1 minute).	To stop monitoring, press * 0 .	
(You will hear a long beep.)		(You will hear a long beep.)	

★ After the beep, the tape will move with "Be-beep...be-beep...". Wait for a moment.

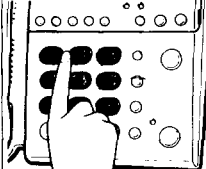
Hearing the caller's voice over the speaker — Speaker monitor

1 Press **ON HOOK DIAL**.

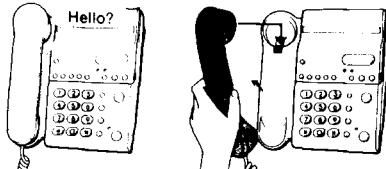


The LINE lamp lights up.

2 Dial.



3 When the phone is answered on the other side, pick up the handset to talk.



- You can adjust the volume of the speaker sound with VOL. (See below.)
- To hang up before your call is answered (or before picking up the handset), press **ON HOOK DIAL** or **FLASH**.

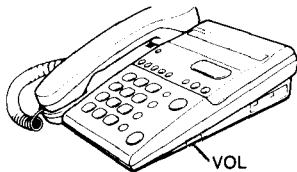
1 While you are talking to the caller, press **ON HOOK DIAL**.



The caller will not hear your voice.

To adjust the sound volume from the speaker and the bell

You can adjust the speaker volume by the VOL (volume) control.



You can adjust, both the volume and the tone quality of the phone ring. 3 selections are provided for each.

RINGER TONE



RINGER LEVEL



Making a phone call as usual

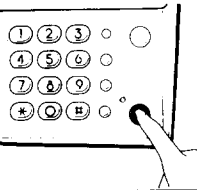
1. Pick up the handset.
2. Dial.

Answering a phone call as usual

When the phone rings, pick up the handset and speak.

You can also "redial", "one-touch dial" and "speed dial" without picking up the handset. (p. 49, 49 ~ 61)

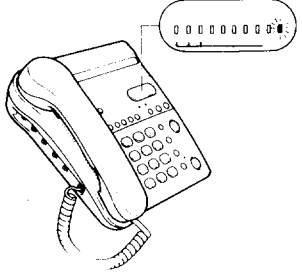
2 To talk to the caller, press **ON HOOK-DIAL** again.



If you have replaced the handset, pick it up again to talk.

You can measure the length of your conversation

One MESSAGE COUNTER/ANSWER MODE lamp lights up every minute. If the conversation is more than 10 minutes, lamp 10 will flash.



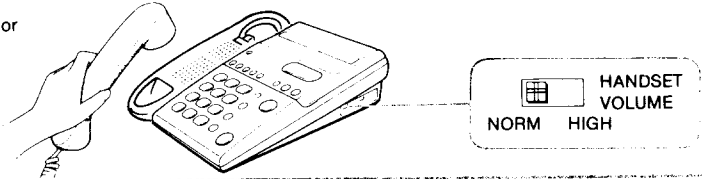
To end a phone call without replacing the handset

When to use **FLASH** for instant "hang-up"

- When you have "call waiting" service. You can quickly switch to the waiting call.

To adjust the handset volume

Select NORM (Normal) or HIGH.



Call waiting/FLASH button

The flash function will allow you to activate call waiting (if you subscribe to this telephone company service) or to end a call and get a dial tone.



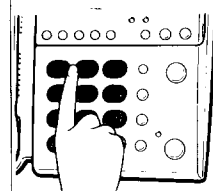
Dialing and Speaking Without Picking Up the Handset (Speakerphone) (IT-A850 only)

1 Press **(SPEAKERPHONE)**.

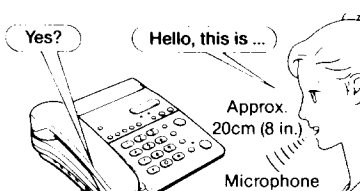


The LINE lamp lights up.

2 Dial.



3 Speak into the microphone.



- Adjust speaker volume with the VOL control (on the right side).
- If desired, you may pick up the handset to speak in privacy.

4 When you have finished the conversation, press **(SPEAKERPHONE)**.



The LINE lamp goes off.

For the best speakerphone results

- If you speak in a low voice, at the same time as the person on the other end, you may not be audible. Wait until the other person has completely finished speaking before replaying.
- You may not be able to hear the other person's voice in a noisy place. Use the speakerphone in a quiet room.

- Do not bring your hand or other objects too close to the microphone. This will result in a shrill noise (howling).
- When speaker volume is loud, or the telephone has been placed close to a wall, you may find that the volume drops suddenly. This is due to a circuit in the telephone designed to protect against howling.

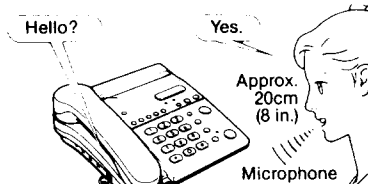
In such cases, lower the volume slightly, or move the telephone away from the wall.

You can also speak through the handset in step 3 (above)
To use the speakerphone function again, press **(SPEAKERPHONE)** so that the LINE lamp flashes and replace the handset on the hook.

To adjust the sound volume from the speaker and the bell,
To adjust the handset volume,
To use the FLASH button,
To know the length of your conversation,

See page 40 ~ 41.

Using speakerphone to receive a phone call

1 When a call comes, press SPEAKERPHONE.  The LINE lamp lights up.	2 Speak.  Adjust speaker volume with the VOL control (on the right side).	3 When you have finished your conversation, press SPEAKERPHONE.  The LINE lamp goes off.
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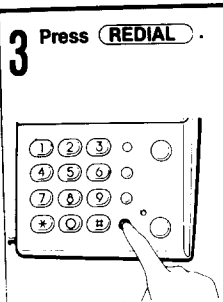
To know when you have received a call without the ringing sound

Set the RINGER LEVEL switch to OFF. When the unit receives a phone call, the **LINE lamp flashes instead of the ringer bell**. It is convenient for example, when you want the room to be in silence while your baby is sleeping, etc.

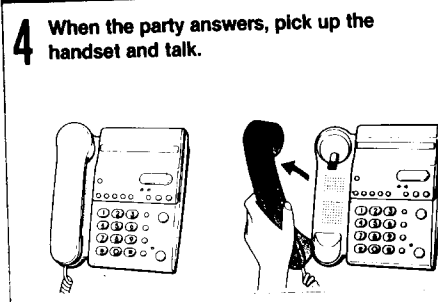


Having the Unit Redial (Redial)

If the line is busy when you call someone, or you want to call back someone you just called, there is no need to dial the number again manually.



- The unit will dial the last number you dialed.
- Instead of pressing **(SPEAKERPHONE)**, you can pick up the handset and press **(REDIAL)**.



If the line is still busy, press **(SPEAKERPHONE)** and after a moment, repeat the operation from step 2.

On the IT-A750

Press **(ON HOOK DIAL)** instead of **(SPEAKERPHONE)**.

To keep the last number dialed confidential

Press **(REDIAL)** twice. (This will erase the redial memory.) You will hear a long beep.

Note

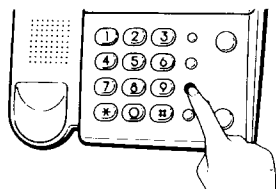
You cannot use "redial" in the following cases.

- If you have used "alternative long distance" or any other tone-based service. (page 46)
- If you have just dialed a phone number more than 40 digits long.
- If you have set the unit to "MESSAGE TRANSFER".

Putting a Call on Hold (Hold)

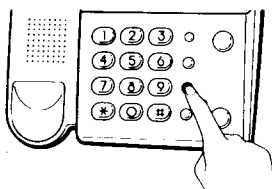


1 With the handset off the hook, press **(HOLD)**.



The LINE lamp flashes slowly and you will hear beeps.
The line is held even if you replace the handset.

2 To resume conversation, press **(HOLD)** again.



The LINE lamp lights up.
If you have replaced the handset during hold, picking up the handset will release hold.

To resume conversation from an extension phone
Press **(HOLD)** on this phone.

Be sure to replace the handset after pressing **(HOLD)**.

Then, pick up the handset of the extension phone. Resume your conversation. "HOLD" will automatically be released.



Using "Alternative long distance" (MCI, etc.) and Other Tone-based Services

— For users with a pulse phone

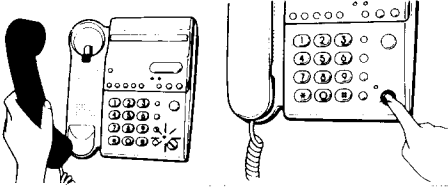
Some services, such as MCI, Sprint and other "alternative long distance" companies, require the distinct tones generated by a pushbutton phone.

With this unit, you can use these services even if you have a pulse phone.

Why is the tone button necessary?

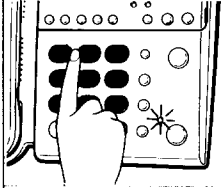
Computerized services (such as MCI) rely on the tones generated by tone-type phones to command their computers. If your telephone has a tone setup, this is no problem. But usually you cannot use these services if your setup is pulse. But you can with the TONE button included on this phone. You can use pulse-dialing to reach the service you want; then you can switch to tone output after you have reached that service. This tone output allows you to communicate with the service's computer. The TONE button has been included for this reason.

- 1** Pick up the handset or press
(SPEAKERPHONE).

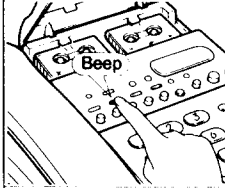


On the IT-A750
Press **(ON HOOK DIAL)** instead of
(SPEAKERPHONE).

- 2** Dial the number of
the service you want
to use.



- 3** After you are
connected to the
service, press
(TONE).



- 4** Dial the long-distance
number when instructed by
the long-distance company.



Note

You cannot use "redial" when you have used
a tone-based service.



Having the Unit Dial Quickly ("One-touch" and "Speed" dialing)

You can store the numbers you frequently call so that you can have this unit dial them quickly by using the "One-touch" or "Speed" dialing function. You can program up to 20 numbers.

"One-touch" dialing

You can program up to 5 telephone numbers. Call these numbers with one touch of a "one-touch" dialing button.

"Speed" dialing

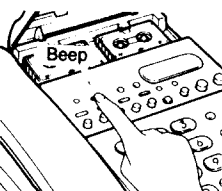
You can program up to 15 telephone numbers and call them by pressing the RECALL button and then by entering a desired "Speed" dialing number (2-digit number) on which the phone number is programmed. (See below.)

Notes

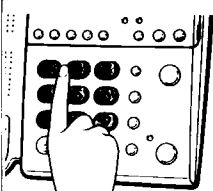
- You can program a telephone number of up to 40 digits for each one-touch dialing button.
- If you press the PAUSE button while programming the telephone number, the pause function will be programmed and counted as one digit. (See page 49.)
- Do not let more than 20 seconds elapse between any two steps of the programming procedure.

One-touch dialing Preparation: To program numbers

1 Press PROGRAM.



2 Enter the phone number you wish to program.



If you enter a phone number that exceeds 40 digits, an alarm sounds. Go back to step 1.

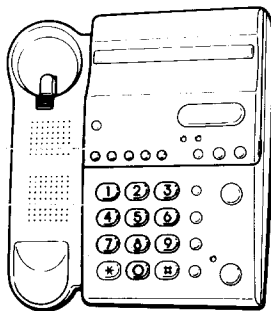
Buttons on which you can program numbers

Speed dialing

00 - 14

One-touch dialing

A~E



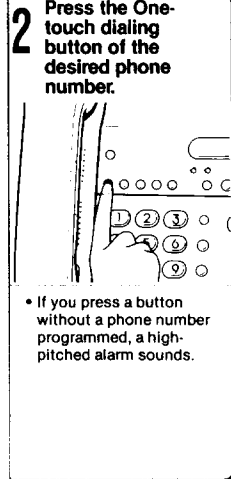
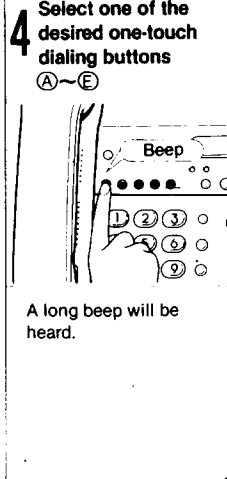
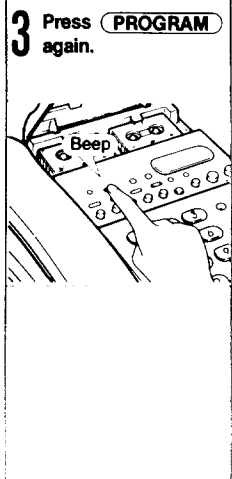
To change a programmed number

Program a new number using the procedure above. The old number will be erased automatically.

To erase a programmed number

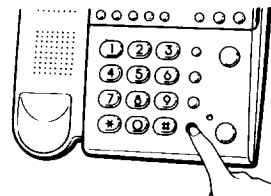
- 1 Press **PROGRAM** twice.
- 2 Press the "one-touch" dialing button you want to erase. A beep will be heard.

To make a phone call with "one-touch" dialing



To set memory use with a PBX (Pushbutton inter-office exchange)

Example: Suppose that 9 is used to access the outside line.



Press **PAUSE** to insert a 4-second (approx.) interval between the "9" and the number. Then follow the usual programming procedure as shown above. Each time you press the **PAUSE** button, a 4 second-pause is recorded as it were a numerical digit.

To store 123-4567 on the one-touch dialing button (A).

Press: **PROGRAM** (9) **PAUSE** 1 2 3 4 5 6 7 **PROGRAM** (A)

A **PAUSE** will be counted as one digit.

Note

You cannot store numbers (phone or security numbers) which begin by #.

Are you having trouble?

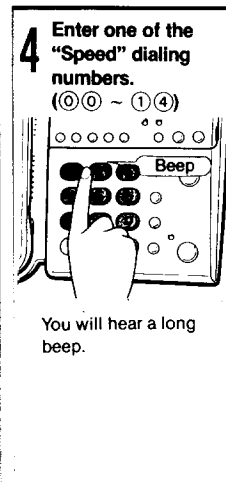
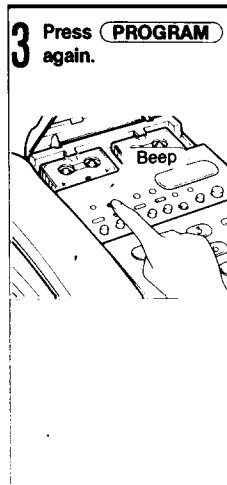
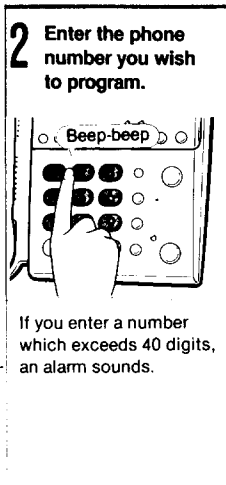
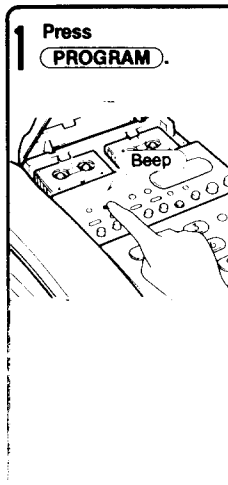
"One-touch" dialing does not operate.

- Check the points in "Notes" on page 49.
- Check that the **PAUSE** is inserted between the

Speed dialing — Preparation: To program numbers into the unit

Notes

- You can program a telephone number of up to 40 digits for each speed dialing button.
- If you press the PAUSE button while programming the telephone number, the pause function will be programmed and counted as one digit. (See page 49.)
- The total digits you can program for the 15 speed dial stations are 240 (Not 40×15).
- Do not let more than 20 seconds elapse between any two steps of the programming procedure.



To change a programmed number

Program a new number using the procedure above. The previous number will be erased automatically.

Notes

- You cannot store numbers which begin with #.
- If the total digits programmed exceeds 240, an alarm sounds and you cannot store any more numbers. If you want to store new numbers, erase a part of old ones.

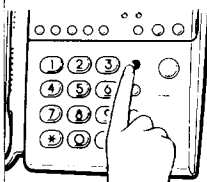
To make a phone call with "speed" dialing

- 1 Pick up the handset or press **(SPEAKER-PHONE)**.

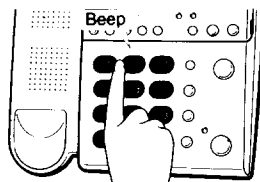


On the IT-A750
Press **(ON HOOK DIAL)**
instead of **(SPEAKER-
PHONE)**.

- 2 Press **(RECALL)**.



- 3 Enter the "speed" dialing number (00~14) corresponding to the phone number you wish to call.



If you enter a number without a phone number programmed, a high-pitched alarm sounds.

To erase a programmed number

1. Press **(PROGRAM)** twice.
2. Enter the "speed" dialing number of the phone number you wish to erase.

When the telephone circuit system is changed from pulse to tone or vice-versa (See page 40), all "One-touch" and "Speed" dialing numbers which are programmed will be erased. In this case, program these numbers again.

Are you having trouble?

"Speed" dialing does not operate.
"Speed" dialing numbers cannot be programmed.

- Check the points in "Notes" on page 40.

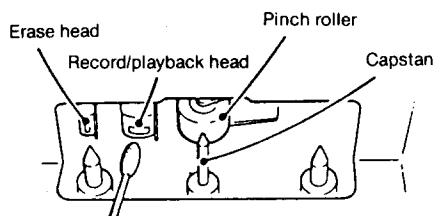


CLEANING THE CASING

Clean the casing with a soft cloth slightly moistened with water or a mild detergent solution. DO NOT use solvents such as alcohol, benzine, or thinner, as they may mar the finish.

HEAD CLEANING

Dirty tape heads will harm recording and playback quality, and may cause malfunctioning. Clean them regularly. Open the lid and remove the Microcassette. Wipe the heads, the pinch roller and the capstan with a cotton swab slightly moistened in cleaning fluid or denatured alcohol. You can also use a soft cloth.



Dial signal	10 PPS (pulse), 20 PPS (pulse), tone selectable
Power consumption	Approx. 4 W (max.) Approx. 2 W (in "ANSWER" mode)
Out-going message (OGM)	Microcassette 3 messages (2 answering modes) selectable Up to 60 seconds for each message
In-coming message	Recording time selectable
Memo message	Recording of up to 4 minutes
Call in progress	Recording of whole tape is possible
Power source	12V DC 400mA (via supplied AC power adaptor)
Power back up battery	3 V DC
Dimensions	Approx. 191 x 80 x 212 mm (w/h/d) (7 1/2 x 3 1/8 x 7 3/4 inches)
Weight	Approx. 1.2 kg incl. batteries (2 lb 10 oz)
Supplied accessories	Connecting cord (2) AC power adaptor AC-T121 (1) Handset cord (1) Sony Microcassette MC-30 (2) Kit for installing machine to wall (1) Sticker (1) Remote control cards: For code A (3) For code B (3) Operating instructions (1)

Design and specifications subject to change without notice.

Recording Out-going messages	You cannot record OGMs properly.	- Is the tape damaged? If so, insert a new Microcassette. - Are the heads dirty or magnetized? → Clean as suggested in page ②. - Are you recording with your mouth close enough to the microphone? Make sure the distance is about 20 cm (8 inches). - Is the ANSWER lamp lit? If so, press (ANSWER) to turn it off. - Is the LINE lamp lit? If so, hang up or press the SPEAKERPHONE (ON HOOK DIAL) for IT-A750 button to turn it off.
	Tape stops during recording.	Is your out-going message longer than 60 seconds? → Shorten the message and try again.
Recording messages in the "ANSWER" mode	An alarm sounds after the ANSWER button is pressed.	- Is the tape damaged? If so, insert a new one. - Did you record the outgoing messages? They must be recorded (Page ⑩).
	The ANSWER lamp flashes when you press the ANSWER button. (error message).	- Does the tape contain an OGM? If not, press (STOP) and insert the correct tape. - Aren't you setting the unit in the "Announce only" mode without recording the greeting for the "Announce only" mode? If so, record the greeting (Page ⑩). - Is the microcassette correctly set? Please check (Page ⑤).
	A beep sounds when you press (ANSWER) and the unit does not enter the "ANSWER" mode	Is the lamp 3 lit? Press ANSWER MODE so that lamp 1 or 2 lights up.
	There was a phone call, but no message was recorded.	- Are the AC power adaptor and the connecting cord firmly connected? - Was there a power interruption?
	The "Announce only" message is played back, although you selected the "Out" message.	Is the tape for in-coming messages full? If so, listen to all messages and do the "reset" operation (page ⑨). Then set the unit to the "ANSWER" mode again (Or, you may insert a new tape).
	The unit stops recording before the caller finished his message.	- The ICM REC TIME switch is set to 1M (or 4M) and the caller's message is longer than 1 min. (or 4 min.). - The caller's voice level was too low. - Isn't the CPC switch set to ON although your line is equipped with a "call waiting" service? - Set the VOX switch to OFF (page ⑨) and try again.
	A caller's message has been recorded, but the MESSAGE COUNTER/ ANSWER MODE lamp is not lit.	The message is probably shorter than 4 seconds.

Remote Control	An alarm sounds when you press the TRANSFER button.	Did you store a transfer phone number and the security code A?
	An alarm sounds when you enter your code number.	Did you enter the correct code?
Telephone	The long "Beep" does not sound when you enter the security code.	- Did you enter your security code quick enough? - Did you enter your code number after the π button without delay? - Are you calling from a pushbutton (tone-type) phone? Remote control works only on pushbutton phones.
	Your call is cut off before you send your command.	Did you enter your command quickly? (while the 3-second interval beeps were heard.)
General	An alarm sounds when you try to switch to transfer mode.	Did you remember to store a message transfer phone number and the security code A?
	Remote control functions cannot be performed.	- Did you forget to turn on the "ANSWER" mode when you went out? If so, you can turn it on by remote control (page ⑨). - Did you let the phone ring 10 times to turn on the "ANSWER" mode?
General	No dial tone.	Is the AC power adaptor plugged into a wall outlet?
	You are connected to the wrong number even though you dialed correctly.	- Is the AC power adaptor fully inserted into a wall outlet? - Is the DIALING MODE setting correct? See instructions on page ⑨.
General	You cannot make calls.	Are the batteries weak? Replace them to the new ones.
	"Redial" does not operate.	"Redial" works only for the last phone number you have called. - Did you just dial a number of more than 40 digits?
General	Tape moves for a long time when you want to record an OGM.	- The unit searches the OGM's recording area. Wait until the tape stops. - Is the tape set correctly? Press (STOP) then put the tape correctly.
	Tape does not move.	Is the AC adaptor plugged firmly into a wall outlet?
General	No sound from the speaker.	Is the VOL control slid all the way to the left? → Adjust the VOL control.
	Cassette cannot be inserted.	The exposed tape should be facing you. Check whether you are inserting correctly (page ⑤).

IMPORTANT INSTRUCTIONS TO USERS

Your IT-A750 or IT-A850 model has been approved by the Federal Communications Commission (FCC) as not being harmful to the telephone network when connected directly to the telephone lines. In order to fully comply with the Rules of the FCC, the following instructions should be read carefully and followed completely where applicable:

1. The FCC Rules require that all direct connection to the telephone lines must be made through standard plugs and jacks. No connecting can be made to party lines or coin lines. Prior to connecting your device to the line.
- a) Upon request from your telephone company, you must provide the 14 digit FCC Registration Number and Ringer Equivalence Number, both of which are on the label located on the outer surface of your telephone.
- b) After the telephone company has installed the jack, you can connect your IT-A750 or IT-A850 model by inserting the mating plug of your equipment into this jack.
- c) All repairs must be accomplished as described in the "Service requirements" on page 54.
- d) The REN is useful to determine the quantity of devices you may connect to your telephone line and still have all of those devices ring when your number is called.
In most, but not all areas, the sum of the RENs of all devices should not exceed five (5.0). To be certain of the number of devices you may connect to your line, as determined by the REN, you should call your local telephone company to determine the maximum REN for your calling area.

2. If it appears that your IT-A750 or IT-A850 model is malfunctioning, it should be disconnected from the telephone line until it can be determined whether your IT-A750 or IT-A850 model is the source of the trouble or not. If your unit needs repair, it should not be reconnected until such repairs have been made.
3. If harm does occur, the telephone company shall, where practicable, notify you, the customer, that temporary discontinuance of service may be required; however, where prior notice is not practicable, the telephone company may temporarily discontinue service forthwith, if such action is reasonable in circumstances. In case of such temporary discontinuance, the telephone company shall (1) promptly notify you, the customer, of such temporary discontinuance (2) afford you, the customer, the opportunity to correct the situation which gave rise to the temporary discontinuance, and (3) inform you, the customer, of your right to bring a complaint to the Commission pursuant to the procedures set forth in the Rules.
Procedures for filling the complaints can be obtained from your local dealer, or if necessary, by writing directly to the manufacturer.

SERVICE REQUIREMENTS

If your IT-A750 or IT-A850 model should malfunction, all repairs will be performed by an authorized Sony Service Station. This unit has been registered within the FCC for direct connection to the telephone network. Under the FCC program, no customer is authorized to repair this unit. This applies to a unit in and out of warranty. If an unauthorized repair is performed, the registration of the unit for direct connection to the network will be null and void. If the unit is still in warranty, the remainder of the warranty period will also be null and void. It is the responsibility of users requiring service to report the need for service to their Sony dealer.

PRECAUTIONS CONCERNING BATTERIES

Incorrect battery usage may lead to leakage of battery fluid or bursting of batteries. To prevent such accidents, observe the following precautions:

- Install the + and – poles of the batteries correctly.
- When installing batteries, do not mix new and used batteries, or batteries of different types.
- Do not try to recharge batteries.
- When you will not be using the telephone for a long period of time, remove the batteries. If a battery leak should develop, carefully and thoroughly wipe away battery fluid from the battery compartment.

PRECAUTIONS

Power Source

- Operate the unit only on 12V DC. Use the supplied AC adaptor to connect the unit to a wall electrical outlet.
- Plug the unit into a wall outlet which has a continuous power supply. Avoid outlets where power may be cut off.

AC power adaptor

- Do not unnaturally bend or crimp the connection cord, or place heavy objects on top of it. Damage to the cord may result in fire or electric shock.
- Do not use cut or damaged connection cords.
- When removing the AC adaptor from the outlet, pull the adaptor plug itself. DO NOT pull the cord.

Foreign matter

Keep foreign matter away from the phone. Especially avoid inserting foreign matter in the DC IN 12V jack.

Locating the unit

Avoid locating the phone in places which are:

- Near a television or audio amplifier
- Unstable
- Subject to strong vibrations
- Subject to high humidity, and/or poor ventilation
- Dusty
- Subject to direct sunlight and/or high temperatures
- Subject to extremely low temperatures
- Near an audio speaker, or otherwise subject to strong magnetism.

INFORMATION

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- reorient the receiving antenna
- relocate the equipment with respect to the receiver
- move the equipment away from the receiver
- plug the equipment into a different outlet so that equipment and receiver are on different branch circuits.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the Federal Communications Commission helpful:

"How to Identify and Resolve Radio-TV Interference Problems".

This booklet is available from the U.S. Government Printing Office, Washington, DC 20402, Stock No. 004-000-00345-4.